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ABSTRACT

Fall 1979 registration data from the seven Hawaii community colleges were analyzed to determine the course-taking patterns of different groups of student majors and the client-serving pattern of the different academic departments. Major findings reveal that students seeking a certificate were taking 71% of their course work in vocational courses; those seeking an associate degree (AA) were taking 87% of their work in general education courses; and those seeking an associate in science (AS) degree were taking 60% of their work in vocational courses. The courses taken by certificate and AS students were generally numbered less than 100: while AA students took 76% of their course work in courses numbered 100 or higher. The study also revealed that liberal arts majors took the bulk of their work (87%) in general education courses and that vocational majors took 62% of their courses in vocational education areas. Vocational students continued, as in previous years, to generate 80% of the vocational student semester hours (SSH's): however, the percentage of liberal arts majors served by the general education department dropped from 65% in 1978 to 61% in 1979. Other findings indicate that the proportion of SSH's generated in the general education area was slightly less than two-thirds of the total, and that 30% of all SSH's were in humarities courses. (JP)

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ED188647

ACADEMIC CROSSOVER REPORT

UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

FALL 1979

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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OFFICE OF INSTITUTIONAL RESEARCH & ANALYSIS
UNIVERSITY OF HAWAII
DECEMBER 1979

THE ACADEMIC CROSSOVER REPORT
COMMUNITY COLLEGES
1979

The data on student semester hours (SSHs) in this report provide information on the following questions: (1) What is the course-taking pattern of the different groups of student majors? (2) What is the client-serving pattern of the different "departments"? E.g., what proportion of the student semester hours in the humanities is generated by liberal arts majors? business majors? what proportion of the business majors' load is in the humanities? in business? etc.

Such information has been found especially helpful for physical facilities planning, for estimating staffing needs, and for academic planning, in general.

Sources of Data

Computer reports 2524B, C, D, based upon the student registrations as of October 12, 1979, were used as the primary sources of data. Included in this report are the student semester hours (SSHs) generated by early admits and concurrent students as well as regular credit students. For this reason, the total SSHs reflected in this report differ from those cited in the fall enrollment report. (That report cites the SSHs of regular students, only.)

Highlights

The data show that the course-taking, client-serving patterns *have generally remained stable over the past five years.*

I. What is the course-taking pattern of students?

A. By educational objective (Table 1):

1. Certificate students are taking 71% of their work in vocational courses; A.A. students, 87% in general education courses; A.S. students, 60% in vocational courses; and "other" students, (special and unclassified), 67% in general education.

2. Certificate and Associate in Science students are taking 87% and 71%, respectively, of their work in courses numbered below 100. Associate in Arts and "other" students are taking 76% and 56%, respectively, of their work in courses numbered 100 and over.

B. By majors (Table 2 and Figure 1) (See Appendix A for major groupings)

1. Liberal arts majors continue to take the bulk of their work in general education courses (87%). (88-63% in previous semesters.)

2. Vocational majors continue to take most of their work in vocational education courses (62%). (61-63% in previous semesters.)

3. Unclassified students are taking two-thirds of their work in general education.

II. What groups of student majors do the different "departments" serve? (Table 2, Figure 1):

A. General Education Courses: As in the past years, liberal arts majors are the largest consumers of general education courses. However, there was a slight change in the "client-serving" pattern this fall. Sixty-one percent of all SSHs are generated by liberal arts students (65% to 66% over the past years). Vocational majors and unclassified students are responsible for 31% and 7%, respectively, of the SSHs generated in general education compared to 29% and 7%, respectively, last fall.

B. Vocational Courses: Vocational students continue to generate the bulk of the vocational SSHs (80%) followed by liberal arts majors and unclassified students, (14% and 6%, respectively.)

III. Other observations:

A. As in the past years, the proportion of SSHs generated in the general education area is slightly less than two-thirds (61%) of the total. The range is from 47% at Hawaii Community College to 84% at Windward Community College. Thirty percent of all SSHs generated is in the humanities.

B. As in previous semesters, half of the SSHs were generated in courses number over 100. Seventy-six percent of the SSHS of liberal arts students were in courses numbered below 100.

C. About two-thirds (68,454 of 106,055) of all SSHs generated in courses numbered below 100 were in vocational education courses.

D. Over four-fifths of the SSHs taken by early admits were in general education courses. The 589 SSHs attributed to early admits comprise 0.3% of total SSHs. (Reflecting a decline in the number of early admits this fall, 104 compared to 161 in Fall 1978, the 489 SSHs shows a substantial drop from last fall, 901 SSH.)

E. About four-fifths of the 638 SSHs taken by concurrent registrants were in general eudcation.

F. The data, by campus, show that the patterns have not changed greatly, excepting at Windward Community College where course offerings in the vocational area have been increasing over the past two years.

Summary

Data from the crossover reports over the years show stable clients-served, course-taking patterns at the community colleges. What are the implications for academic planning? for projecting staffing needs?

REPORT 25248
SEMESTER FALL 1979
CAMPUS COMMUNITY COLLEGE SYSTEM

TABLE 1
University of Hawaii, Community Colleges
ACADEMIC CROSSOVER STUDY
As of Oct 04, 1979
DISTRIBUTION OF SEMESTER HOURS TAKEN BY MAJOR

DATE 10/12/79

MAJOR--001. GRAND TOTAL

TOTAL ENROLLMENT -- 21036 PCT OF TOTAL ENROLLMENT --100.00
TOTAL CAMPUS SEM. HRS.--211256 PCT OF TOTAL CAMPUS SEM HRS--100.00

	TOTAL	MALES	FEMALES	NO DATA
HEAD COUNT BY SEX	21036	10644	10385	7
HORIZONTAL PERCENTAGE	100.00	50.60	49.37	0.03

Educational Objectives	T O T A L		CERTIFICATE		SUBTOTAL AA & AS		ASSOC IN ARTS		ASSOC SCIENCE	
	STUDENTS 21036		STUDENTS 1800		STUDENTS 16593		STUDENTS 8347		STUDENTS 7746	
	HPCT 100.00		HPCT 8.56		HPCT 78.88		HPCT 42.06		HPCT 36.82	
Course Area	SEM HRS	VPCT	SEM HRS	VPCT	SEM HRS	VPCT	SEM HRS	VPCT	SEM HRS	VPCT
GRAND TOTAL	211256	100.00	19747	100.00	176524	100.00	91346	100.00	85138	100.00
COURSE NO 000--099	106055	50.20	17107	86.63	82336	46.64	22269	24.37	60067	70.55
COURSE NO 100--299	105201	49.80	2640	13.37	94188	53.36	69117	75.63	25071	29.45
COURSE NO 100--199	82502	39.05	2127	10.77	74187	42.03	55178	60.39	19009	22.33
COURSE NO 200--299	22699	10.74	513	2.60	20001	11.33	13939	15.25	6062	7.12
GEN & PRE-PROF	129718	61.40	5812	29.43	113834	64.49	79751	87.27	34083	40.03
COURSE NO 000--099	37601	17.80	3837	19.43	31235	17.69	14601	15.98	16634	19.54
COURSE NO 100--299	92117	43.60	1975	10.00	82599	46.79	65150	71.29	17449	20.49
COURSE NO 100--199	74998	35.50	1676	8.49	67975	38.28	53242	58.26	14333	16.84
COURSE NO 200--299	17119	8.10	299	1.51	15024	8.51	11908	13.03	3116	3.66
HUMANITIES	62572	29.62	2779	14.07	54174	30.69	38219	41.82	15955	18.74
COURSE NO 000--099	17289	8.18	1787	9.05	14175	8.03	6512	7.13	7663	9.00
COURSE NO 100--299	45283	21.44	992	5.02	39999	22.66	31707	34.70	8292	9.74
COURSE NO 100--199	37663	17.83	904	4.58	33429	18.94	26327	28.81	7102	8.34
COURSE NO 200--299	7620	3.61	88	0.45	6570	3.72	5380	5.89	1190	1.40
NATURAL SCIENCES	34082	16.13	2084	10.55	30015	17.00	19861	21.73	10154	11.93
COURSE NO 000--099	17334	8.21	1819	9.21	14555	8.25	7318	8.01	7237	8.50
COURSE NO 100--299	16748	7.93	265	1.34	15460	8.76	12543	13.73	2917	3.43
COURSE NO 100--199	13657	6.46	210	1.06	12725	7.21	10336	11.31	2389	2.81
COURSE NO 200--299	3091	1.46	55	0.28	2735	1.55	2207	2.42	528	0.62
SOCIAL SCIENCES	30020	14.21	823	4.17	27117	15.36	20121	22.02	6996	8.22
COURSE NO 000--099	2241	1.06	174	0.88	1850	1.05	568	0.51	1392	1.63
COURSE NO 100--299	27788	13.15	649	3.29	25257	14.31	19653	21.51	5604	6.58
COURSE NO 100--199	22119	10.47	511	2.59	20219	11.45	15617	17.09	4602	5.41
COURSE NO 200--299	5669	2.68	138	0.70	5038	2.85	4036	4.42	1002	1.18
OTHER GENERAL EDUC	3035	1.44	126	0.64	2528	1.43	1550	1.70	978	1.15
COURSE NO 000--099	737	0.36	57	0.29	645	0.37	303	0.33	342	0.40
COURSE NO 100--299	2298	1.09	69	0.35	1883	1.07	1247	1.36	636	0.75
COURSE NO 100--199	1559	0.74	51	0.26	1202	0.68	962	1.05	240	0.28
COURSE NO 200--299	739	0.35	18	0.09	681	0.39	285	0.31	396	0.47

Educational Objectives

Other & No Data
Students 2643
HPCT 12.56

Course Area	SEM HRS	VPCT
GRAND TOTAL	14985	100.00
COURSE NO 000--099	6612	44.12
COURSE NO 100--299	8373	55.88
COURSE NO 100--199	6188	41.29
COURSE NO 200--299	2185	14.58
GEN & PRE-PROF	10072	67.21
COURSE NO 000--099	2629	16.88
COURSE NO 100--299	7543	60.34
COURSE NO 100--199	5747	38.35
COURSE NO 200--299	1796	11.99
HUMANITIES	5619	37.50
COURSE NO 000--099	1327	8.86
COURSE NO 100--299	4292	28.64
COURSE NO 100--199	3330	22.22
COURSE NO 200--299	962	6.42
NATURAL SCIENCES	1983	13,23
COURSE NO 000--099	960	6.41
COURSE NO 100--299	1023	6.83
COURSE NO 100--199	722	4.82
COURSE NO 200--299	301	2.01
SOCIAL SCIENCES	2089	13.94
COURSE NO 000--099	207	1.38
COURSE NO 100--299	1882	12.56
COURSE NO 100--199	1389	9.27
COURSE NO 200--299	493	3.29
OTHER GENERAL EDUC	381	2.54
COURSE NO 000--099	35	0.23
COURSE NO 100--299	346	2.31
COURSE NO 100--199	306	2.04
COURSE NO 200--299	40	0.27

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Educational Objectives / Course Area	T O T A L STUDENTS 21036 HPCT 100.00 SEM HRS	VPCT	CERTIFICATE STUDENTS 1800 HPCT 8.56 SEM HRS	VPCT	SUBTOTAL AA & AS STUDENTS 16593 HPCT 78.88 SEM HRS	VPCT	ASSOC IN ARTS STUDENTS 8847 HPCT 42.06 SEM HRS	VPCT	ASSOC SCIENCE STUDENTS 7746 HPCT 36.82 SEM HRS	VPCT
Vocational Education	81538	38.60	13935	70.57	62690	35.51	11635	12.73	51055	59.97
Course No. 000-099	68454	32.40	13270	67.20	51101	28.95	7668	8.39	43433	51.01
100-299	13994	6.19	605	3.37	11580	6.58	3967	4.34	7622	8.95
100-199	7504	3.55	451	2.28	6612	3.75	1936	2.12	4676	5.49
200-299	5580	2.64	214	1.08	4977	2.82	2031	2.22	2946	3.46

Other & No Data Students 2643
Hpct 12.56

	Sem Hrs.	VPCT
Vocational Education	4913	32 79
Course No. 000--099	4083	27.25
100--299	830	5.54
100-199	441	2.94
200-299	389	2.60

TABLE 2 HAWAII COMMUNITY COLLEGES
ACADEMIC CROSSOVER STUDY AS OF 10-4-79
DISTRIBUTION OF SEMESTER HOURS BY COURSE AREA BY MAJOR

DATE 10/12/79

MAJOR / COURSE AREA	TOTAL STUDENTS 21036 SEM HRS	V%	H%	LIBERAL ARTS STUDENTS 8812 SEM HRS	V%	H%	SUBTOTAL VOCATIONAL STUDENTS 9581 SEM HRS	V%	H%	UNCLASSIFIED & AUDITORS STUDENTS 2338 SEM HRS	V%	H%	NO DATA STUDENTS 42 SEM HRS	V%	H%	SUBTOTAL SPECIAL STUDENTS 263 SEM HRS	V%	H%
GRAND TOTAL	211256	100	100	91087	100	43	105184	100	50	13374	100	6	384	100	0	1227	100	1
COURSE NO 000--099	108055	50	100	22175	24	21	77268	73	73	6150	46	6	231	60	0	231	19	0
COURSE NO 100--299	105201	50	100	68912	76	66	27916	27	27	7224	54	7	153	40	0	996	81	1
COURSE NO 100--199	82902	39	100	55006	60	67	21308	20	26	5452	41	7	98	26	0	638	52	1
COURSE NO 200--299	22899	11	100	13906	15	61	8608	6	29	1772	13	8	55	14	0	358	29	2
GEN & PRE-PROF	129718	61	100	79602	87	61	40044	38	31	8874	66	7	191	50	0	1007	82	1
HUMANITIES	62572	30	100	38123	42	61	18830	18	30	5031	38	8	90	23	0	498	41	1
NATURAL SCIENCES	34082	16	100	19826	22	58	12273	12	36	1669	12	5	37	10	0	277	23	1
SOCIAL SCIENCES	30029	14	100	20103	22	67	7837	7	26	1813	14	6	60	16	0	216	18	1
OTHER GENERAL EDUC	3035	1	100	1550	2	51	1104	1	36	361	3	12	4	1	0	16	1	1
VOCATIONAL EDUCATION	81538	39	100	11485	13	14	65140	62	80	4500	34	6	193	50	0	220	18	0
BUSINESS	37079	18	100	8287	9	22	26266	25	71	2274	17	6	151	39	0	101	8	0
HOTEL & RESTAURANT	5809	3	100	201	0	3	5528	5	95	78	1	1	0	0	0	2	0	0
HEALTH SERVICES	4480	2	100	182	0	4	4076	4	91	214	2	5	0	0	0	8	1	0
PUBLIC SERVICES	7390	3	100	1357	1	18	5332	5	72	632	5	9	6	2	0	63	5	1
TECHNOLOGY	26579	13	100	1337	1	5	23885	23	90	1289	10	5	36	9	0	32	3	0
OTHER VOCATIONAL	201	0	100	121	0	60	53	0	26	13	0	6	0	0	0	14	1	7
NO DATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIGURE 1
DISTRIBUTION OF SSH BY STUDENT MAJORS AND THEIR WORKLOAD
COMMUNITY COLLEGES
FALL 1975, 1976, 1977, 1978 & 1979

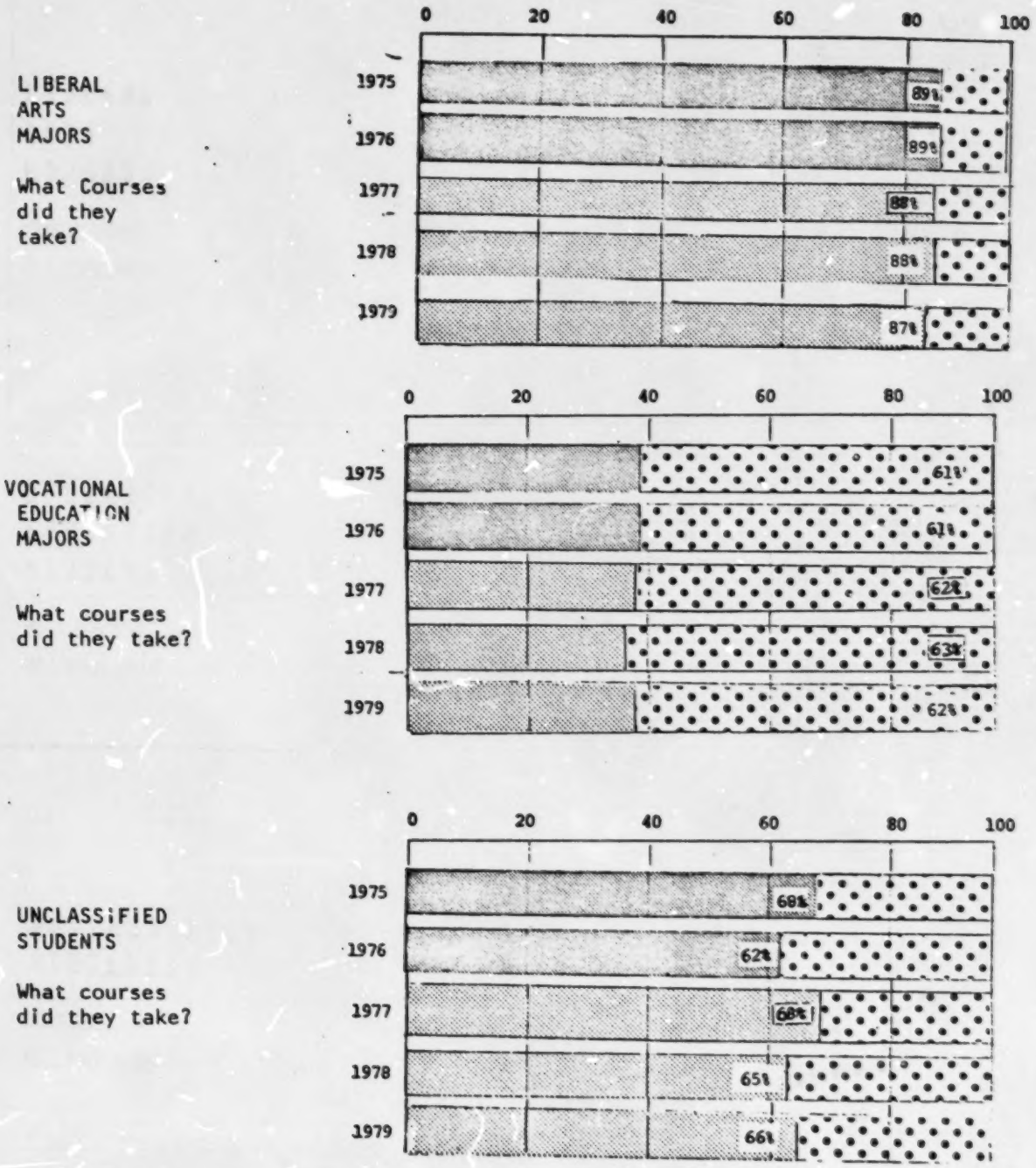
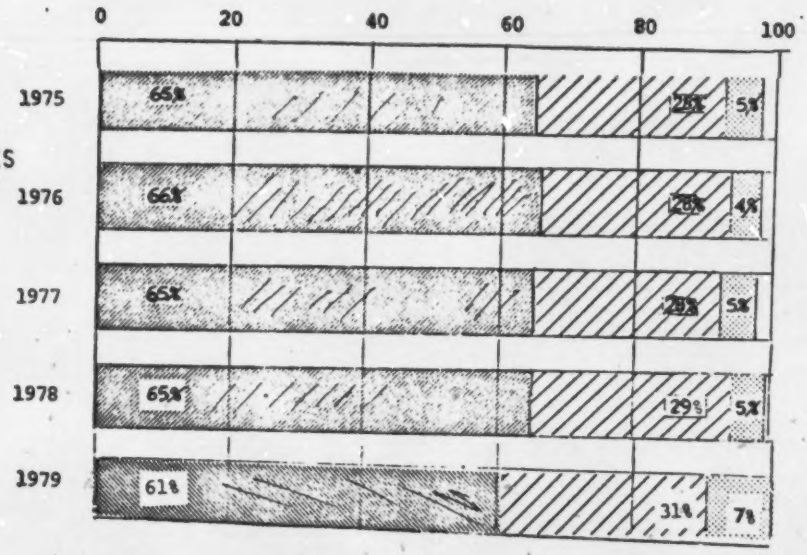


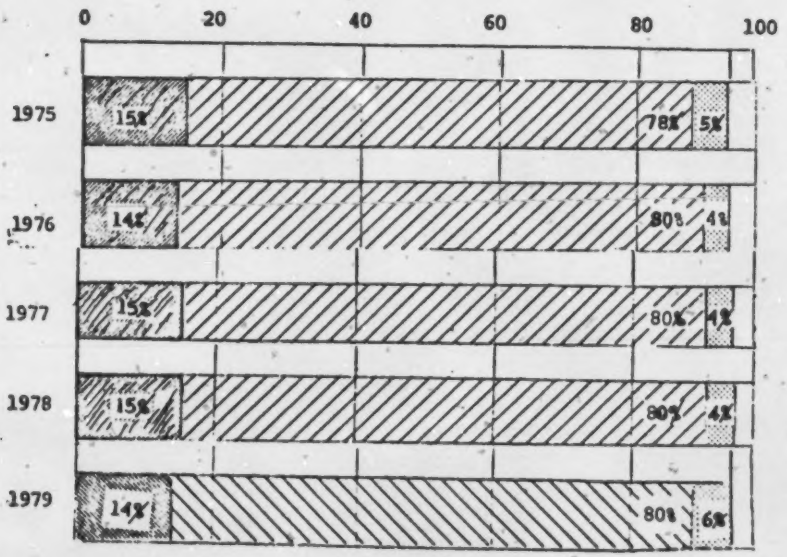
FIGURE 2
DISTRIBUTION OF SSH BY COURSE AREA AND MAJORS
COMMUNITY COLLEGES
FALL 1975, 1976, 1977, 1978 & 1979

GENERAL EDUCATION COURSES
What are the proportion taken by different majors?



VOCATIONAL COURSES

WHAT Are the Proportions taken by different majors?



Pages 8 through 45 providing campus-wide data for each of the community colleges were deleted to irreproducibility

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